

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: N. MIYADERA, et al.  
Serial No.: 10/573,810  
Filed: MARCH 28, 2006  
For: LIGHT BRANCHING OPTICAL WAVEGUIDE  
Group AU: 2874  
Examiner: John M. Bedtelyon  
Confirm. No: 9359

**AMENDMENT**

**Mail Stop: AMEND - FEE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 8, 2007

Sir:

In response to the Office Action mailed May 8, 2007, please amend the  
above-identified application as listed below and as set forth on the following pages:

AMENDMENTS TO THE DRAWINGS;

AMENDMENTS TO THE CLAIMS;

REMARKS are included following the amendments; and

A Replacement Sheet of drawings for Sheet 1/4 is enclosed herewith in  
an Appendix.